

A & L WESTERN AGRICULTURAL LABORATORIES

1311 WOODLAND AVE #1 • MODESTO, CALIFORNIA 95351 • (209) 529-4080 • FAX (209) 529-4736



REPORT NUMBER: 17-248-061

CLIENT NO: 5441-D

SEND TO: TERRA RENEWAL DBA DENALI WATER
12812 VALLEY VIEW #9
GARDEN GROVE, CA 92845

SUBMITTED BY:

CUSTOMER: MERCED

LAB NO: 22392

DATE: 09/18/2017

ORGANIC FERTILIZER REPORT

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| SAMPLE ID | REPORT OF ANALYSIS IN PERCENT | | | | | | | | | REPORT OF ANALYSIS IN PARTS PER MILLION | | | | | | |
|------------|-------------------------------|--------------|---|-------------|-------------------------|----------|--------------|------------|-----------|---|-------------|--------------|-----------|---------|------|--|
| | Nitrogen N | Phosphorus P | Phosphate P ₂ O ₅ | Potassium K | Potash K ₂ O | Sulfur S | Magnesium Mg | Calcium Ca | Sodium Na | Iron Fe | Aluminum Al | Manganese Mn | Copper Cu | Zinc Zn | B | |
| SANTA CRUZ | 5.33 | 3.37 | 7.72 | 0.280 | 0.337 | 1.170 | 0.730 | 3.250 | 0.120 | 24880 | 8040 | 189 | 353 | 1057 | 16.0 | |

| SAMPLE ID | POUNDS OF NUTRIENTS / TON | | | | | | | | | | | | | | | |
|------------|---------------------------|--------------|---|-------------|-------------------------|----------|--------------|------------|-----------|---------|-------------|--------------|-----------|---------|------|--|
| | Nitrogen N | Phosphorus P | Phosphate P ₂ O ₅ | Potassium K | Potash K ₂ O | Sulfur S | Magnesium Mg | Calcium Ca | Sodium Na | Iron Fe | Aluminum Al | Manganese Mn | Copper Cu | Zinc Zn | B | |
| SANTA CRUZ | 106.6 | 67.4 | 154.4 | 5.6 | 6.7 | 23.4 | 14.6 | 65.0 | 2.4 | 49.8 | 16.1 | 0.4 | 0.7 | 2.1 | <0.1 | |

☐ Reported on an as-received basis Moisture =

☒ Reported on a dry basis Moisture = 85.09%

Remarks: To convert to pounds of nutrients/ton as received, multiply pounds of nutrients/ton as reported by (100 - moisture %)/100.

pH = 7.9
C:N Ratio = 7:1
Soluble Salts = 5.2 dS/m
Organic Matter = 73.00 %
Ammonia Nitrogen = 0.004 %
Nitrate Nitrogen = <0.0025 %
Chloride = 0.25 %
Organic Nitrogen = 5.32 %
Volatile Solids = 73.00 %

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This report applies only to the sample(s) tested. Samples are retained a maximum of thirty days after testing.


Robert Butterfield

A & L WESTERN LABORATORIES, INC.

DENALI_005321